

WHAT IS CLAIMED IS:

Sub A 1 A coating composition to form a coating layer or  
film of a hydrophilic polyurethane resin having a  
moisture permeability and being substantially non-porous,  
5 which comprises, as an essential component, an isocyanate  
group-containing prepolymer obtainable by reacting  
diphenylmethane diisocyanate with the following  
polyoxyalkylene polyol:

10 A polyoxyalkylene polyol which contains at least 60  
wt% of a polyoxyethylene polyol having at least three  
hydroxyl groups and having an oxyethylene group-content  
of at least 10 wt%, satisfies  $3.0 < n < 3.5$ , where n is the  
average number of hydroxyl groups, and has an average  
oxyethylene group-content of from 60 to 90 wt%.

Sub C 15 2. The coating composition according to Claim 1,  
wherein the polyoxyalkylene polyol has an average  
hydroxyl value of from 15 to 60.

Sub A2 3. The coating composition according to Claim 1,  
wherein the polyoxyalkylene polyol is a mixture of a  
20 polyoxyalkylene polyol having three hydroxyl groups and a  
polyoxyalkylene polyol having four hydroxyl groups.

4. The coating composition according to Claim 1, which  
contains, in addition to the main component of the  
isocyanate group-containing prepolymer, a curing agent  
25 component for the isocyanate group-containing prepolymer.

5. The coating composition according to Claim 4,  
wherein the curing agent component is a diol and/or a

1

6. A coating layer or film obtained from the coating composition as defined in Claim 1.

5

7. A laminate comprising a substrate and a coating

layer laminated on the substrate, wherein the coating layer is obtained from the coating composition as defined in Claim 1.